

AIM Ann Report  
1956 to 1957

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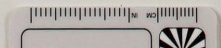
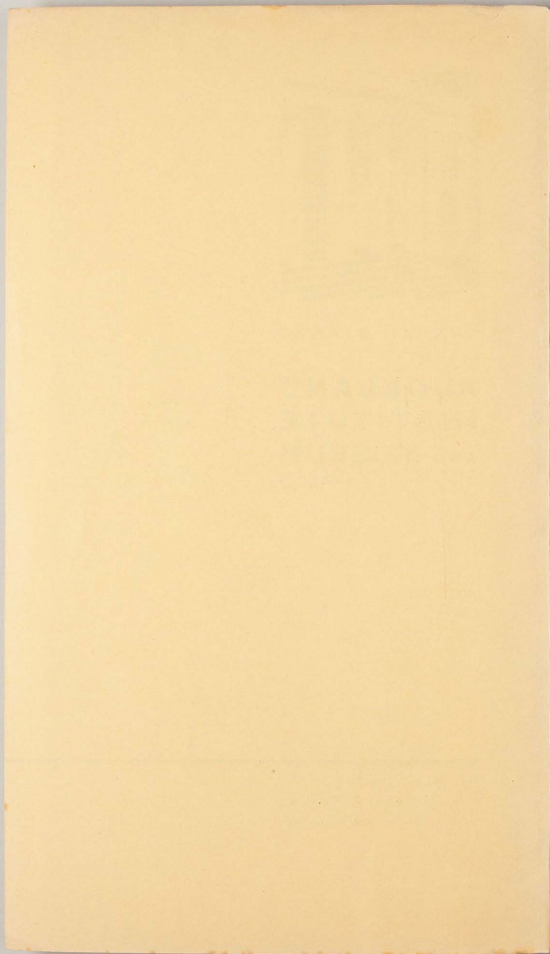


ANNUAL REPORT  
OF THE  
**AUCKLAND  
INSTITUTE  
AND MUSEUM**  
1956-57

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For presentation at the  
Annual General Meeting  
to be held on 29th May, 1957.

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Making Coconut Cream at the Opening of the Pacific Feast Exhibition,  
May, 1956

PHOTO COURTESY "AUCKLAND STAR"



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AUCKLAND  
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# AIM Ann Report 1956 to 1957

## Staff of the Museum.

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Ornithologist and Entomologist ..	E. G. TURBOTT, M.S.C., F.M.A.N.Z.
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Associate Ethnologist and Display ..	OLWYN M. TURBOTT, F.M.A.N.Z.
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Education Officer .. .. .	R. A. SCOBIE, M.A., F.M.A.N.Z.
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Maintenance Officer .. .. .	C. H. HENSEN.
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### Attendants:

O. McGUINNESS, H. MACKAY, A. E. RANKIN, A. S. H. JOYCE,  
H. A. HAYNES, O.B.E., A. FOX.

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AUCKLAND INSTITUTE  
AND  
MUSEUM  
1956-1957

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MR. A. T. PYCROFT.

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MR. J. C. RENNIE, LL.B.

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*Representatives on Council of Royal Society of New Zealand.*

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# AIM Ann Report 1956 to 1957

## Reports to Members

### President

It is pleasing to be able to record the fact that substantial progress is being made in the erection of the new building. Ground floor level has already been reached and passed, and, at an impressive ceremony, the foundation stone was laid by the Prime Minister on the afternoon of Saturday, 30th March. Among those present was the Chief Justice, Sir Harold Barrowclough, a foundation member of the War Memorial Executive Committee, who had made a special trip from Wellington in order to attend.

### Membership

This now stands at 1146 (including 316 life members). New members elected during the year numbered 123, while losses by reason of death, resignation, etc., amounted to 69.

### Obituary

It is with regret that the following names are recorded. They are those of members who have died during the year under review. Mrs. E. M. Blackwell, M.B.E., Sir George Elliott, O.B.E., Sir Alexander Johnstone, Q.C., O.B.E., B.A., LL.B., Lt.-Col. T. H. Dawson, C.M.G., C.B.E., Captain H. Dryden, Dr. E. D. Aubin, Dr. F. R. Smale, Dr. L. H. Whetter, Messrs. C. F. Bennett, M.B.E., N. W. H. Bonham, A. F. Burton, F. B. Cadman, T. Clements, L. J. Coakley, O.B.E., A. N. Cooper, Bertram Dawson, C. E. Jenkins, C. H. Moses, R. H. Neil, J. B. Paterson, M.B.E., E. J. Prendergast, H. Clinton Savage and Eruini Taipari.

Mr. T. Clements and Mr. J. B. Paterson both served for a time as Members of the Council—Mr. Clements as a representative of contributing local authorities, and Mr. Paterson as a member of the Auckland City Council.

Mr. L. J. Coakley will be long remembered as a former Deputy-Mayor of Auckland, and especially for the active and successful steps which he took to secure more playing fields and open spaces for the City. There were many occasions on which the Museum received the benefit of his specialised knowledge.

Mr. A. N. Cooper was also most interested in the work of the Museum, and, in conjunction with other members of his family, was the donor of an extensive natural history collection.

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Sir Alexander Johnstone, one of the Dominion's most distinguished citizens, served the Institute and Museum selflessly for many years. At different times he held the offices of Member of the Council, Vice-President, and President. As a further, and substantial, token of his interest, the Museum will benefit by a generous legacy in terms of his will.

Mr. Eruini Taipari, upon whom had been conferred the distinction of Honorary Life Membership, was the leader of the Ngati-Marū people of Hauraki, whose carved Meeting House "Hotunui" is such an outstanding item among the treasures displayed in our Maori Court.

## Honours

A pleasing duty which fell to the lot of the Council was to send congratulations to those of our members whose names have appeared in recent Honours Lists. The Hon. Sir Joseph Stanton, Dr. E. G. Sayers, C.M.G., Mr. Douglas Hay, O.B.E., Mr. F. N. Ambler, O.B.E., and Mr. W. Calder Mackay, O.B.E., have all been honoured by Her Majesty.

The honorary degree of Doctor of Science has been conferred upon our Assistant Director by the University of New Zealand.

Professor L. H. Briggs has been elected to the distinguished office of President of the Royal Society of New Zealand, and, at our last annual meeting, formally presented the Hector Medal previously awarded to Mrs. Lucy Cranwell Smith, whom we were glad to welcome on an all too brief visit from her new home in the United States. Six members of the staff, i.e., Mrs. Turbott, Dr. Archey, Dr. Powell, Mr. Fisher, Mr. Turbott and Mr. Scobie have been elected to the newly instituted Fellowship of the Art Galleries and Museums Association of New Zealand.

## Council

The usual regular meetings of the Council have been held, and a very considerable volume of business has been dealt with. Owing to certain administrative delays over which the Council has no control, finality has not yet been reached as regards the proposed staff superannuation scheme. Mr. J. H. Luxford, C.M.G., Miss Rains, Mrs. M. M. Dreaver and Mr. A. P. Postlewaite, O.B.E., ceased to be members of the Council during the year. The service they gave is much appreciated.

## Staff

The well merited honour conferred upon Dr. Powell by the University of New Zealand has already been referred to. The service given by members of the Museum staff is of a very high



order indeed, and it is a pleasure once more to be able to make public acknowledgment of this fact. To every member, scientific, administrative and custodial, I should like to tender my thanks, as well as those of the whole Council.

### **Spitfire**

Thanks to generous help given by the Shipping Companies (Conference Lines) and by the New Zealand Government, the Spitfire Fighter presented by the British Air Ministry has been brought to New Zealand and placed on display.

The help of many people contributed to this happy result, but particular mention should be made of the names of Air Chief Marshal Sir Keith Park, G.C.B., K.B.E., D.S.O., M.C., the Hon. S. G. Smith, the Hon. R. M. Algie, Mr. J. Seabrook and Mr. J. B. O'Loghlen.

A special ceremony of dedication was held, an innovation being the making of a tape-recording which should prove of definite historic interest in the future.

In view of the part played by the Spitfire in the Battle of Britain, as in so many other engagements in the second world war, it is singularly fitting that one of these famous planes should be placed on permanent exhibition in the War Memorial Museum.

### **School Service**

The provision by the Education Department of an additional education officer has proved most welcome, and has enabled the Museum to cope with a much greater number of school visits.

### **Donations**

As in previous years many welcome and valuable gifts have been made to the Museum during the year just ended. Special mention should be made of the generous action of Sir Carrick Robertson in presenting the sum of £600 as an endowment for research work on offshore islands, and of a much appreciated gift of £100 from Sir William Goodfellow for the purchase of early English ceramics.

### **Western Springs**

Representations have been made to the City Council with a view to ensuring, so far as possible, that proposed development work at the Western Springs lake will not destroy the value of this small sheet of water as a wild-fowl sanctuary.

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## General

I should like once more to acknowledge the generous help given to the Museum by so many citizens of Auckland and surrounding districts. This help, as well as the financial contributions received per medium of the local authorities are essential factors in the continued success of our work. I should also like again to thank every member of the Council and the Director, Dr. Archey, for their assistance and ready co-operation throughout the year.

J. W. KEALY.

## Chairman of the Trust Board

During the year no investments matured. The receipt of £600 from the Sir Carrick Robertson Fund and £210 from the subscriptions of Life Members increased the Endowment Funds to a total of £51,063, to which must be added Reserves of £9,725, making the invested funds £60,788.

The improved rentals from the Vaile Fund shop properties, mentioned in my report last year, are now coming in, but certain necessary repairs and maintenance work still have to be carried out, and until these are done the full benefit of the increase in rentals will not be realised.

During the year the Board has been regularly consulted by the Trustees of Mr. Vaile's Estate, the residue of which forms a further endowment for the Institute and Museum, and the Board and the Trustees have inspected the properties involved to decide which should be sold to meet the legacies under Mr. Vaile's will and the death duties and expenses entailed, and it is expected that the remaining assets will be handed over to the Trust Board in the near future.

KENNETH B. MYERS.

## Director

### The Institute

The year's extended lecture syllabus apparently imposed no "attendance strain" upon members who gave full support throughout the series. Our thanks are due to the lecturers who provided such an interesting programme. Dr. R. C. Cooper, M.A., B.Com., Ph.D., "Taro Hunting in the Pacific"; Sir Charles Darwin, K.B.E., M.C., Sc.D., F.R.S., "How Scientific Discoveries are Made"; Mr. A. W. B. Powell, F.R.S.N.Z., "In Search of

'Gloria Maris' in Dutch New Guinea"; Commander G. S. Ritchie, D.S.C., R.N., "Hydrographic Surveying in New Zealand"; Rev. M. Walsh, "Wordsworth's Place in English Poetry"; Mr. Arthur Tandy, A.C.W.A., "Automation and the Office"; Mr. H. G. Lambert, F.N.Z.I.M., "Automation and the Factory"; Mr. D. McClure, A.F.N.Z.I.M., "Automation and the Man"; Mr. J. H. Rose, LL.B., "Nepal and its People"; Mr. Elmer Nelson, "Rim Rock: The Story of Colorado Plateau, the Grand Canyon, Petrified Forest. A Boat Trip Down Colorado River."

#### **Anthropology Section: Chairman, Mr. A. J. Woolston**

To the interest in social anthropology that has been a feature of recent years is now added a growing attention to archaeology, stimulated by Mr. Golson's enthusiasm and the visit during the year of Professor R. E. Bell of the University of Oklahoma. Contributions by our Maori members have also been a welcome feature of the evening discussions. The section membership is 96. The lectures and papers presented were: "Archaeological Work in New Zealand," Prof. R. E. Bell, M.A., Ph.D. (Ohio); "The Festival Exhibition of Food Bowls" at the Museum, Mrs. O. M. Turbott; Panel Discussion, "Dependent Peoples, Past and Present"; "Problems of Maori Welfare," Mr. M. Raureti; Auckland University College Students' Papers; Museums Week activities.

#### **Astronomy Section**

The Auckland Astronomical Society has enjoyed another year of vigorous activity and increasing interest both in its membership and from without the Society. The membership is now over 260, of whom about 40 are juniors.

The Society has held eight meetings all largely attended and some with an attendance up to 150. An excellent syllabus provided many distinguished speakers whose addresses were highly informative and greatly appreciated, and the exhibition night was a great success. The O'Sullivan Prize was won for a second time by Roger Horrocks who presented a most careful study of Lunar Rays.

The search for an observatory site and one for the proposed planetarium for Auckland has been pursued with the City Council, but so far no site has been granted. A Spitz school planetarium was purchased and used at the Western Springs Carnival this year; over 2000 people passed through it.

For the field night on Mt. Eden, thousands went to the summit to view the planet Mars and other celestial bodies through

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telescopes provided by the Society's members. A special feature has been the printing of the Journal; we feel it was a big advance on previous publications and hope to publish two or three issues a year.

A telescope making class has commenced at Avondale College with three of our councillors as lecturers. This was a long felt need for years and when the invitation came to form the class the council gladly accepted it.

## **Conchology Section: Chairman, Mr. N. W. Gardner.**

The keen interest shown in all activities has made the past year a sound one for the Section.

A number of new members have joined, and the monthly meetings in the Museum have been particularly well attended. These meetings have been divided into a number of periods, such as section business, identification of specimens and study group, both conducted most helpfully by Dr. Powell, and a lecture, usually by a member.

Field days were well attended and newer members gained much from these in learning of habitats and general ecology of marine organisms, land snails, etc.

Monthly newsletters were sent to all members in town and country giving information on Sections affairs, current research, on conchology and new discoveries.

Number 12 Bulletin was published, a larger issue with several extra illustrations and 12 original articles by members.

The land snail section of the Brookes' Collection of N.Z. mollusca which is housed in the Museum was catalogued and arranged in order.

## **The Museum**

The Museum itself has been experiencing something of a "change round"; although it involved a good deal of work it became an interesting preliminary of greater changes to come, recalling for some of us the move from Princes Street thirty years ago. The commencement of the contract for the new building extension was by way of demolition of parts of the store-room areas; these were replaced by enclosing parts of the Maori display hall, closing off half the Maori meeting house and most of the War Trophy Hall. The moving of eight large storage case units, expeditiously effected by Mr. Stewart and Mr. McGuinness and the erection of temporary walls and shelves by Mr. Henson, have provided the required new accommodation without unduly lessening exhibition space. On the contrary Mrs. Turbott has

made of one improvised wall an attractive new display area. We expect the large halls of the first floor to be affected during the coming winter and fear that some leaks may accompany the necessary removal of the bitumen sealing of the roof. Waterproof drapings may therefore be the forthcoming fashion. These and other anxieties are however being alleviated or discounted by the now rapid taking shape of the new construction.

While general display work has been limited, special exhibitions have been well maintained. The dioramas of past ages of the earth referred to in Dr. Powell's report are part of the display plan for the completed building.

Our participation in the internationally organised "Museums Week" comprised a programme of display activities, on each of which we had, in addition to Institute members and the public, invited guests from the Pacific regions concerned. Students from India, Ceylon, Thailand and North Borneo wearing national costume attended the opening of Mrs. Hedda Morrison's Sarawak photograph exhibition lent by Messrs. Kodak; a Fijian group carried out a Kava ceremony with great dignity; Samoan visitors printed floral designs on tapa and sang present-day songs, and on the Friday night the halls were made alive with the action games and singing of the pupils of Queen Victoria Maori Girls' School. The Entomological evening is described in Mr. Turbott's report, and there was a screening of pictures of life and customs of Australian Aborigines. Over 1500 additional evening visitors brought the week's total attendances close to 6000. The success of the week was in a large measure due to the interest and co-operation which everyone gave and the enthusiasm with which they entered into the several evenings' activities. We were glad to welcome participants to the Museum and we thank them for their assistance.

On the point of Museum attendances, a record number, 207,177 was registered during the year. A member of the staff who was interested to make a fair copy of our daily book informs us that we have passed the four million mark since the opening of the War Memorial in 1929.

That the public regards study and research as a regular part of Museum activity is indicated by the continuous stream of enquiries made year by year. Occasion may be made of the completion of volume four of the museum "Records" to comment on the staff's record of research in national history and ethnology. Each of the past 24 years has seen the issue of a part comprising a group of scientific papers. These now number 126, in geology (10), palaeontology (6), botany (22), zoology (74), and ethnology



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(14) besides three monograph Bulletins and four handbooks. Dr. Powell has been the major contributor and his museum colleagues join in congratulating him on his research achievement and on the honorary degree conferred on him by the University of New Zealand.

Gifts made to the Museum and library during the year are mentioned in the reports of the departments and recorded in the list on page 30. An accession of especial interest is the fountain pen with which the donor, the Rt. Hon. Sir William Jordan, K.C.M.G. in the office of High Commissioner for New Zealand in the United Kingdom, signed the Peace Treaty on behalf of the Dominion. The decorative arts section has been enriched by three delftware enamelled dishes, "blue-dash chargers" as they are called from the decoration of their margins; these were secured with part of a gift of £100 from Sir William Goodfellow. The National history section has received from Mrs. Dunning an exceptionally well-mounted American black bear which fell to the rifle of Mrs. Dunning's husband many years ago. An important addition to our extensive moa collection was a series of five nearly complete skeletons which the donor, Mr. John Pybus, and his friends had recovered from caves in the Waitomo district. Another skeleton from the same district was deposited by Mr. A. J. Dreaver. Mr. S. J. Elliott presented a decorated Maori cloak, and a beautiful mezzotint portrait of Queen Adelaide was received by bequest from Mrs. E. Lloyd. Among the accessions received through the Edward Earle Vaile fund are a collection of coins and medals including two commemorating Captain Cook's second (Resolution and Adventure) voyage, Maori carvings and an important entomological collection.

We also acknowledge with warm thanks monetary contributions from members: Miss E. L. Hellaby, Mrs. J. McLennan, Mrs. L. J. Garlick, Dr. B. J. Bowdan, Captain H. Dryden and Mr. C. E. Dixon.

The extension services were continued actively by Mr. Manley and were well received particularly in country districts. A Museum stand was arranged in five country shows: Waikato, Te Kuiti, Whangarei, Clevedon and Orewa. Where possible, exhibits were used that had come to the Museum from the district of the show, such as Mr. N. M. Lethbridge's collection of Te Awamutu adzes displayed at Te Kuiti and Hamilton, and the moa material shown at Clevedon which had actually been collected many years before by the president of the show. The native and introduced game exhibit suggested by Mr. Turbott and the radio-active rocks and geiger counter proved very popular. Welcome co-operation was



received from local groups, especially the Waikato Historical Society and the Students of Ardmore Teachers' Training College, while Mr. M. C. Gudex, a member of the Institute contributed an interesting display of Waikato plants.

An afternoon at the Museum was arranged for the Counties Conference and many conducted tours for visiting groups were given. Museum displays are now established in Kaitaia and Tauranga. Mr. Manley gave over fifty lectures to town and country groups; and seventy-six were given as occasion offered by the scientific staff. The Sunday afternoon lecture series, as listed below, was again well attended:

Mr. David Goldblatt, "Europeon Porcelain—The Chase and the Fake"; Mr. R. G. Robbins, M.Sc., "A Botanist in the West Indies"; Mr. J. Golson, M.A., "The Cones of the Auckland Peninsula"; Dr. D. Brown, "Atomic Energy"; Professor V. J. Chapman, "Botanic Gardens"; Rev. Kinross Nicholson, M.A., D.D., "Singapore and Malaya"; Mr. E. G. Turbott, M.Sc., "Life Histories of Native Insects"; Mr. W. T. Roy, M.A., "Rural India"; Mr. Harold J. Thompson, "Yasawa Islands, Fiji"; Mr. J. H. Rose, LL.B., "Nepal and its People."

With rapid progress being made in the building construction our attention will increasingly be turned to new exhibition hall arrangements, to the problems of withdrawing specimens and displays at the necessary time from the walls still separating new and old, and ultimately to the major task of the move itself. We hope to be able to keep institute activities and those of the museum in operation but, because the building programme and, consequently the continued availability of parts of the present building will depend on the weather, we shall need to be ready from time to time to modify our planning.

GILBERT ARCHEY.

## Assistant Director

The year has been spent very largely with departmental routine, clearing up arrears of work in the identification, labelling and recording of molluscan material in the research collections.

A major task concerned with the foreign molluscan collection of the late Mr. A. E. Brookes, purchased last year, resulted in the addition of 2,500 species to the research collection and it is estimated that as many species again still require treatment. A count of the identified and labelled molluscan species in the department now available for reference reaches a total of 72,564 lots and again, as a conservative estimate, as much again will be added when the work is completed.

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The task of keeping up, single handed, with the volume of departmental routine is an almost insurmountable hurdle.

Among the molluscan specialists who visited and made use of the research collections during the year were Dr. N. H. Ludbrook of the Mines Department, Adelaide, Dr. D. McMichael of the Australian Museum, Sydney, and Dr. R. K. Dell of the Dominion Museum, Wellington.

In addition the loan of types and material to a large number of research workers in both New Zealand and Australia were attended to by mail.

Mr. J. C. Yaldwyn of Victoria University College worked on the Museum collection of Natant Decapod Crustacea and has since returned them with his determinations.

The Academy of Natural Sciences of Philadelphia donated a share of the Guam and Samoan molluscan collections made by the A. J. Ostheimer expeditions and a share of the "Gloria-Maris" material from Dutch New Guinea is on its way.

Sixteen lectures were given, including one in the Museum evening syllabus on the "Gloria-Maris" expedition.

Commander Ritchie of H.M.N.Z.S. "Lachlan," who has undertaken previous oceanographic investigations on our behalf, forwarded a series of deep water dredgings from Christmas Island and the Apolima Strait, Samoa.

Mr. P. J. O'Brien has completed the sixth diorama in the series on life in the geological past. Assistance was given with data and material for this latest addition featuring the Cambrian Period of 550 million years ago.

A lengthy report on the Antarctic Mollusca of the British, Australian and New Zealand Antarctic Research Expedition is nearing completion, as also is another report on the "Galathea" mollusca from the Kermadec Islands.

A new edition of my "Shellfish of New Zealand," rewritten and greatly enlarged, is now being printed by the publishers, Messrs. Whitcombe and Tombs Ltd.

With the help of Commander Haynes the entire collection of printing process blocks has been cleaned, waxed, indexed and stored.

Part six of volume four of the Records of the Auckland Institute and Museum appeared in October last and material for the current number is almost ready for the printer.

Two offers of appointment were accepted, one as Secretary of the Standing Committee on Pacific Oceanography, and the

other consulting Malacologist to the Academy of Natural Sciences of Philadelphia. An offer by the secretariat of the Ninth Pacific Science Congress to be held at Bangkok in November next, for the convening of a symposium on the control of the African Land Snail, *Achatina*, is in abeyance since funds are not so far available.

The Conchology Section has had a very successful year, as will be noted from an account included in the Director's report. An interesting item is the appointment during the year of one of their junior members to the post of Technical Assistant in micropalaeontology at the New Zealand Geological Survey, Wellington.

A. W. B. POWELL.

## Ethnologist

The collections were enriched by a further 1038 specimens during the year. Of outstanding interest was the collection of over 150 Maori items covering wooden articles, textiles, pumice bowls and of particular merit a perfect wooden comb presented by the late Mr. W. A. Boucher. As usual the Edward Earle Vaile Trust Fund provided much important material, including an ethnographical collection from New Guinea and a fine Maori stone *patu*. The Misses C. M. and I. F. Stewart presented a collection of Maori weapons and greenstone ornaments and Mr. D. Fallon presented a canoe paddle used in our war canoe, Te Toki a Tapiri, in the 1860's. From Petats Island, in the northern Solomons, came a cane fish basket, the gift of Miss H. Whitlow.

A special feature this year was a lecturing tour in Northland conducted at the request of the Kaitaia District Co-ordinating Committee of Adult Education. From topics submitted to the Committee each district made its own choice of subject. Localities visited included Kaeo, Totara North, Kaitaia, Ahipara, Pukepoto and Kaingaroa, and sixteen lectures were delivered. In addition a further ten lectures were given at Opotiki, Hamilton, Huntly and Auckland. During the Auckland Festival of the Arts I was guest speaker at the opening of the School of Architecture's Annual Exhibition. A course of ten lectures on "Maori Life and Culture" was offered at the Adult Education Centre. Members of the class visited the Museum on two Sunday mornings, received reading references, and several have since joined the Institute. Four radio talks were given, including one on "The Museum and the Community," which was broadcast on the national link-up during Museum Week. As examiner for the Maori badge issued by the Girl Guides Association some fifteen candidates were tested.

At the request of the Hawkes Bay Art Gallery and Museum a week was spent at Napier assisting with the display of the

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Lonsdale collection of English ancestral plate. Finally, when opening the exhibition, a talk on the silver was given, and a broadcast delivered over the Napier radio. Later in the year a visit was paid to Nelson to assist the Nelson Institute in solving problems relating to their display of the Lonsdale silver.

Indexing of some 250 Oceanic language texts, principally from the Hawaiian and Gilbert Island, has been completed. Publicity for Dr. Fox's Nggela Dictionary has been carried out both by circular and personal visits to booksellers in Auckland, Hamilton and Wellington.

A field trip was made to Tauranga where, with the assistance of Mr. H. Taylor, a number of interesting old pa sites and specimens were examined. While in the Kaitaia district several collections were inspected and calls made on farmers in the area.

The additions to the building have already affected normal work. It became necessary to enclose two sections of the Maori Court for the temporary storage of material. In one, bulky material and large carvings have been placed. All the Melanesian arrows were stored under a temporary platform. To make way for the blocking out of windows on the south wall, the Maori greenstone adzes, the Fijian collections, and fifteen filing cabinets containing Maori, Polynesian and Melanesian specimens have been removed to the annex.

Schools, cultural societies and commercial firms have sought the loan of specimens for education purposes. The Birkenhead Public Library borrowed Maori material to highlight New Zealand book week, the Auckland Public Library received Pacific specimens to illustrate Children's Book Week. Both the Auckland and Ardmore Teachers' Training Colleges have borrowed freely, and the First Armoured Regiment requested the loan of early English armour for a special display.

I have attended the Annual Meeting and council meetings of the Art Galleries and Museums Association held in Wellington, and was re-elected President for a further term. At the first conference of the New Zealand Archaeological Association held at Auckland in May I served as Chairman and was elected President. As the nominee of AGMANZ I have continued to serve on the National Historic Places Trust, of which body I was re-elected Deputy-Chairman. In this capacity I visited Tauranga, Hamilton and Whangarei to assist establish Regional Committees and also called earlier at Tauranga and Whakatane on behalf of the Trust. Much of the work done for the Trust is complementary to my museum duties.

Considerable help was given by Miss S. Davis as a student assistant during university vacations, and Mr. P. Gordon assisted on several occasions in a honorary capacity.

As usual interviews take up an increasing amount of time, some produce simple questions easily answered, others involve time and study to solve satisfactorily. Both before and after the A.N.Z.A.A.S. Congress a number of Australian scientists sought information of the collections.

V. F. FISHER.

### Associate Ethnologist

Work in display has been made increasingly difficult by the crowded conditions brought about by the temporary closing off of parts of the halls and rearrangement of ethnology storage. For this reason we have concentrated on a series of changing exhibits rather than on more permanent rearrangement of display cases. The important loan exhibition from the Victoria and Albert Museum was closely followed by "Pacific Feast," the Museum's contribution to the Arts Festival. In this large show, food bowls and other feasting paraphernalia from our own collections were augmented by material generously lent by Otago and other museums. Polynesian people living in Auckland participated in the opening of this show by demonstrating the preparation and serving of various Polynesian foods. Two Samoan students, Hale Vila and Pere Tamati, who were on section with the School Service, gave further demonstrations to school classes, using graters and utensils from the collections.

During Museums Week in October, when the Museum was opened every evening, Pacific Island people again willingly co-operated in enabling us to arrange a series of public functions beginning with an elaborate kava ceremony held by Fijians to celebrate Fiji Cession Day. A group of Samoans on another evening gave a demonstration of tapa printing, using printing blocks and other material from the collections.

The temporary blocking off of part of one of the Maori Halls for storage has left a space which can, by simply screening the cases, be turned into a very pleasant small gallery, and full use of this space has been made in arranging a series of small temporary exhibits.

The Museum's Gilbert Island canoe, Te Ang ni Raoi, has been seen on the Waitemata twice this summer, sailed by two



Gilbertese teachers, Tabaga and Atanraoi, who are studying in Auckland. With their co-operation and also with the generously given help of both Mr. G. B. Tomkinson and Mr. C. Hawkins we now have an interesting photographic record of the event in both colour movie and in colour slides.

O. M. TURBOTT.

## Ornithologist and Entomologist

The removal of a large part of the reference collections of vertebrates to temporary storage, made necessary by the commencement of the new building, has provided an opportunity to carry out a general rearrangement of the crowded storage cabinets in order to incorporate new and bulky materials. The task of division and packing of the C. E. Clarke Collection of New Zealand beetles is now almost completed, this work having been carried out by Mr. J. C. Watt as student assistant, and at an earlier stage by Mr. R. Taylor.

There has been good progress on the displays in the "Life Histories of New Zealand Insects" series for which further paintings have been prepared by Mr. McCaw. Colour slides of the panels so far installed have been made by Mr. H. Powell and these, together with the insect leaflets, provide illustrative material relating to the displays now available on sale at the Museum.

Assistance with information and material on the Antarctic was given in the preparation of the New Zealand Forest Products display in July. By courtesy of the Principal of the Seddon Memorial Technical College the relief map built by the College for this display was presented to the Museum.

During Museum Week co-operation was sought with the Auckland Group, Entomological Society of New Zealand, in order to stage a special exhibition entitled "Insects Alive." Members of the group brought in and helped to arrange a varied and novel series of exhibits of live insects. Valuable help was given by Mr. R. M. Miller, of King's College, the Plant Diseases Division D.S.I.R., and the Zoology Department, Auckland University College, in making available extra material and optical equipment. Thanks are also due to Messrs. Watson Victor Ltd. and G. B. Tomkinson for assisting with equipment.

There have again been several requests by research workers in New Zealand and overseas for material from the collection in various groups: cave wetas, *Sphenodon* (tuatara), stag beetles,



mosquitoes and Homoptera (bugs). Dr. Elizabeth Marks, of the University of Queensland, visited the Museum to examine the collection of mosquitoes.

Longer visits were made by Mr. R. A. Crowson, University of Glasgow, who worked on the New Zealand beetles, and by Dr. Robert Carrick, C.S.I.R.O., Canberra, in the course of a tour especially to observe New Zealand birds. In association with Mr. P. A. S. Stein, a day was spent on a trip with Dr. Carrick to Horuhoru Island and Shag Rock, in the Hauraki Gulf.

I was invited through the courtesy of the Department of Internal Affairs to accompany Mr. and Mrs. Peter Scott in January during part of their New Zealand tour, and this opportunity to discuss New Zealand waterfowl, and to visit the various localities for field work, was greatly appreciated. It was possible to obtain a number of colour slides during the trip of the blue duck (in the East Cape area), gannets (at Cape Kidnappers) and white-fronted terns (at Waipu). In February, 1957, I accompanied an expedition to Lake Monk, in Fiordland, arranged by the New Zealand Forest Service and Department of Scientific and Industrial Research, and carried out a field research project on forest birds, related to the research of other members of the expedition on the effect of deer and small mammals.

Over the New Year period I accepted the position of director of the first Adult Education field course yet to be held on New Zealand birds, arranged by the Victoria University College regional Council. About 40 members camped on Kapiti Island to attend the course.

At the invitation of the Antarctic Research Committee of the Royal Society of New Zealand I joined the specialist panel set up to advise on research in the Ross Dependency, and contributed a report on seals. An article on "Native and Introduced Birds" was contributed to the A.N.Z.A.A.S. Handbook "Science in New Zealand." One research paper was published in the *Records* during the year: "Notes on the Plumages and Breeding Cycle of the Spotted Shag, *Phalacrocorax (Stictocarbo) punctatus* (Sparrman, 1786)."

At the A.N.Z.A.A.S. meeting in January I contributed a paper on "Problems of the Integration of the New Zealand Introduced and Native Bird Faunas" in the zoology section.

During the year 17 lectures have been given, including one in Whangarei at the invitation of the Whangarei Native Forest and Bird Protection Society and several during the preparations for the Antarctic expedition.

E. G. TURBOTT.

## Botanist

An exhibition of paintings of native flowers by Miss E. Blumhardt of Wellington was opened on the 24th of April, 1956 by Mrs. A. T. Pycroft. Thanks are due to Mr. and Mrs. Pycroft for persuading the artist to present her collection to the Museum. It will be most useful for reference and exhibition, and is a fine addition to the growing collection of flower prints and paintings. During the year two artists preparing decorations for stationery and pottery have made use of the print collection, portions of the collection have been shown in temporary displays, and sets illustrating certain garden flowers have been loaned to interested societies.

The 19th Cheeseman Memorial Show of Native Plants was opened by Professor V. J. Chapman on Saturday, 22nd September, and continued until 4 p.m. on Tuesday, 25th. The organisations taking part were the Auckland Section of the Forest and Bird Protection Society, the Auckland Botanical Society, the Tree Society, the Auckland Natural History Club, the Lyceum Club, Victoria League, Titirangi Beautifying Society, Auckland City Council Parks Department, Y.W.C.A. Gardening Circle, Plant Diseases Division, D.S.I.R., Mt. Albert, Auckland University College Botany Department, and Leonard Cockayne Memorial Garden, Wellington. As usual many members and friends assisted with donations of flowers and the loan of vases and tables. It was very pleasing to see a number of students, and members of the staff of the Cancer Research Unit, collecting specimens at the clearing-up of the show late on Tuesday afternoon. A most appreciative description of the show, written by Hilda Walker, was published in the New Zealand Gardener for November, 1956.

In December a parcel of live specimens, including several of the species found on the Three Kings Islands, was sent to the Christchurch Native Flower Show, organised by the Christchurch Botanic Gardens and Canterbury Horticultural Society.

A visit to Raoul Island in the Kermadec Group was undertaken in June, 1956 at the invitation of the Botany Department, Auckland University College, and N.Z. Oceanographic Institute. Collections of the taro varieties and native land plants were made and a number of quadrats, similar to those on the Three Kings Islands were defined and photographed. It is hoped that future parties will use the quadrats to measure changes in the vegetation following the reduction in the population of goats on Raoul Island.

Mrs. P. Hynes and Mrs. E. Simpson have continued their work in the herbarium on Wednesday of each week and the arrears of mounting and sorting in the collections have been cleared. While much work remains to ensure their preservation, the collections are available now for reference. For this most fortunate, and unusual, state of affairs I am deeply indebted to Mrs. Hynes and Mrs. Simpson. I must mention, however, that much mounting and sorting had been completed by Mrs. L. M. Watson Smith and Mrs. B. E. G. Allen, former botanists at the Museum, and by the many voluntary workers who have assisted in the herbarium since 1929.

A welcome gift in December, 1956 was another large parcel of specimens from Mr. Harley Powell, being the balance of his botany collections. Some of them will be kept for the permanent collection and the balance used in exchanges. Another useful gift was a collection of native timbers made at the Bay of Islands by Mr. J. D. Harris.

A revision of the Australian and New Zealand species of *Pittosporum* was published in the Annals of the Missouri Botanical Garden for May, 1956.

R. C. COOPER.

## Education Officer

- Summary of Services for year ended 31st December, 1956:

Attendances for one-hour lessons—

Primary	Intermediate	Post-Primary	Total
25,640	1,278	2,992	29,910

Student Teachers on Section: Auckland .. .. 119

Numbers in visiting student teacher classes: .. 550

Schools receiving loan material:

City: 75      Provincial: 241      Total: 316

The year was made difficult both through exigencies arising from building operations and through the long absence of the Assistant Education Officer on study and examination leave. Although the work had to be reduced to its barest functions it was nevertheless possible to deal with nearly 30,000 attendances. For the first time, however, the department has not been able to help all the country schools which requested assistance in visiting the museum—a group which is entitled to first priority. It is also the first year in which the numbers of provincial schools attending the Museum exceeded those of the urban area.

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Enthusiasm for this type of learning continues to mount. against bookings involving 43,000 attendances in 1954 and 45,000 in 1955, this year they totalled nearly 50,000. Over 19,000 were turned away. Teachers accounted for 3,000 children in lessons conducted by themselves. The increase in the establishment of another assistant will help to relieve this situation, but it is obvious that the demand is growing at an increasing pace.

Interest in the scheme for distributing loan material has been well sustained. This year the provincial circulation reached 241 schools—a new record. This extension would not be possible were it not for the support of the Auckland Education Board which supplied another 20 crates to expedite the circulation. Nevertheless the waiting list for this service includes schools whose requests date back as much as two years. The appointment of an Art Technician on a permanent basis is facilitating this branch of the work.

Outstanding amongst our visitors was Dr. Grace Morley, noted for her association with U.N.E.S.C.O. and I.C.O.M. whose presence was most stimulating and who was profoundly impressed by the unique relationship between the Museum and the Training College.

R. A. SCOBIE.

## Librarian

There have been a number of interesting and important additions to the library during the year. To the already extensive collection of reports of scientific expeditions have been added the Antarctic reports of the French Polar expeditions, and the Reports of the Snellius and the Siboga expeditions. The collection of Oceanic language texts has been considerably enriched by the addition of some very rare early texts in the Hawaiian, Gilbertese, Cook and Caroline Islands languages. These were all purchased from the Edward Earle Vaile Fund. Original paintings by J. Brownlee, C. D. Barraud, L. J. Steele and F. Wright were donated by Mrs. Spragg. A number of paintings by Mr. J. C. Hill were also acquired. These are of soldiers of British regiments to which New Zealand regiments are affiliated. The total number of books and pamphlets added to the library during the year was 1506. The library's stock now numbers 26,700.

In addition to the many important published works which have come into the library, there have also been a number of unpublished works, either originals or typescript copies. Some of the typescripts have been donated by other libraries, and are copies of original manuscripts held by them. Also, manuscripts



in private possession have been loaned to the library for copying. These include "Pitcairn Island" by Allan Kerr Taylor (1851), loaned by Mr. C. Gordon; "Account of Voyage from London to New Zealand by sailing ship 'Annie Wilson' in 1863" by Rev. Henry Wyatt Cottle, loaned by Mrs. O. M. Reid; and Journals of the Rev. Charles Baker, loaned by Mr. V. H. Baker. The original draft of the Treaty of Waitangi, by James Busby, and the account of the second meeting to discuss the Treaty, were deposited by Miss Agnes Busby.

1574 maps have now been catalogued, most of them being filed in vertical steel cabinets. The ease with which maps in these cabinets can be consulted has meant that the map collection now receives a great deal more use than formerly.

The organising of the photograph collection has continued. 10,500 negatives have been numbered and put in transparent envelopes. It is hoped to have prints made of all those of particular importance in this library. Many of the negatives are now filed in steel drawers, and it is hoped that in time it will be possible to have steel drawers for all negatives.

The library is being used increasingly by research workers and others. 2662 books were borrowed by members, and 193 by other libraries through the interloan system. 2396 people used the library for reference or borrowing.

A set of notes on cataloguing and classification was prepared. These notes have now been adopted by the N.Z. Library Association as the basis of study for its Course of Training in Librarianship. Tutoring and examining of students of this course was also undertaken.

Miss Vivien Shaw, library assistant, having completed the two-year course of library training and passed the necessary examination, was awarded the Certificate of the N.Z. Library Association.

We acknowledge with thanks donations from the following persons: Lady Mappin, Commander H. A. Haynes, Judge Ivor Pritchard, Professor J. Rutherford, Dr. J. A. Asher, Dr. H. A. Chatfield, Dr. J. A. Clinch, Dr. M. Laird, Dr. V. M. T. McGusty, Dr. M. S. Palmer, Dr. A. W. B. Powell, Dr. R. M. S. Taylor, Dr. P. R. Woodhouse, Rev. G. G. Carter, Messrs. A. M. Alexander, A. Allen, F. Astley, W. H. Cocker, P. G. Dodd, E. C. Duncan, W. A. Fairclough, G. M. Fowlds, J. M. Hardcastle, D. Hay, C. G. Hunt, M. F. Hynes, S. James, M. A. Jamieson, R. Noel Johnson, H. G. King, H. G. Lambert, A. D. Mead, G. M. Meiklejohn, H. M. Newton, C. K. Peace, A. T. Pycroft,

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S. Reid, E. H. Rhodes, R. F. S. Simmonds, A. Sutherland, N. R. W. Thomas, Mrs. Allhusen, Mrs. Ashton, Mrs. Avery, Mrs. Caldwell, Mrs. F. L. Rathbone, Mrs. E. D. B. Sheffield, Mrs. Watson Smith, Mrs. R. F. Spragg, Miss H. Busby, Miss A. E. Minchin, Miss A. L. G. Spencer, Miss I. Stennett.

ENID A. EVANS.



List of Benefactions  
made to the  
Auckland Institute and Museum  
of an amount (or value) exceeding £50.

MONETARY GIFTS.

- 1876 Auckland Citizens: £2,026 subscribed towards first building.  
1878 Mr. J. C. Firth donated £106 for show cases.  
1884 Mr. Edw. Costley bequeathed £12,150.  
1887 Mr. David Nathan bequeathed £100.  
1897 Mr. T. Russell donated £100 for geological specimens.  
1901 Auckland Citizens subscribed £1,000 for Mair Collection.  
1902 Mr. E. A. Mackechnie bequeathed £2,500.  
1906 Auckland Citizens subscribed £662 for carved houses.  
1911 Auckland Citizens subscribed £684 for ancient carvings.  
1913 Sir John Logan Campbell bequeathed £1,000.  
1921 Institute Members subscribed £115 for Temple Bronzes.  
1923 Sir Wm. H. Herries bequeathed £1,000.  
1924 Citizens subscribed £698 for Maori collections.  
1925 Institute Members subscribed £100 for Maori collection.  
1926 Sir James Gunson Presentation Committee presented £118 for Maori collection. Mr. David Goldie bequeathed £1,000.  
1927 Mr. F. Shaw bequeathed £1,000.  
1929 Mr. S. J. Ambury bequeathed £250.  
1934 Mrs. R. M. Wilson: £50/10/-, given to establish the Sir Edwin Mitchelson Prize Fund.  
1940 Mr. Maurice Harding bequeathed £500.  
1941 Mr. Ormsby Gore Adams bequeathed £100.  
1942 Mr. J. A. Pond bequeathed £100 to commemorate the scientific achievements of Thomas F. Cheeseman.  
1944 Mr. E. Earle Vaile gave two blocks of shops and residences worth £10,000 as an endowment for ethnological collections and books.  
Mr. R. C. Horton gave £200 towards extending the mineral collection.  
Sir Albert and Lady Ellis gave £150 for Library book-cases.  
£428 received on account of a bequest by Mr. C. V. Houghton.  
Mitchelson Prize Fund increased to £100.

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- 1945 Mrs. Bertha Wilson gave £2,000 as an endowment for Cinematography.  
Auckland Savings Bank gave £500 for improvements to Exhibition Halls.  
Auckland Electric Power Board gave £100.  
Mr. R. C. Horton gave £70 for purchase of Georgian Silver Tea Set.  
Sir Cecil Leys and Lieutenant T. H. Leys, R.N.Z.N., gave £500 for purchase of ethnographical specimens.
- 1946 Mr. E. Earle Vaile: Gave a freehold section with a two-storey building in Queen Street worth over £30,000 as a further endowment for ethnographical collections and books.
- 1947 Auckland Savings Bank Centennial Gift of £5,000.  
Mr. A. V. Hanson bequest of approximately £2,000.
- 1948 Mr. E. P. Mitchelson, bequest of £1,000.
- 1950 Mrs. Sarah Ann Powley, bequest of £171.  
Sir Cecil Leys bequeathed £1,000.
- 1951 Mrs. Bertha Wilson gave £1,000 endowment for photography.
- 1952 Mr. James C. Entrican: Bequest of £1,000 for numismatics.
- 1954 Captain G. A. Humphreys-Davies: Bequest of £500.  
Sir Albert Ellis, C.M.G.: Bequest of £100.
- 1956 Sir Alexander Johnstone, O.B.E., Q.C.: Bequest of £500.  
Sir William Goodfellow: £100 for early English ceramics.  
Sir Carrick Robertson, F.R.C.S.: Endowment of £600 for research on offshore islands.

## SPECIMENS AND BOOKS.

- 1876 Mr. R. C. Barstow: Large collection of Maori articles.
- 1877 Mr. G. F. Edmonston: 564 volumes of scientific works.
- 1878 Mr. T. Russell, C.M.G.: 34 casts from the antique.
- 1878-83 Mr. J. T. MacKelvie: 390 books and ethnology collection.
- 1887 Mr. C. O. Davis: Valuable Maori collection.
- 1901 Mr. L. D. Nathan: Japanese Shinto Shrine.
- 1913 Mr. Henry Shaw and Mr. F. Shaw: 172 scientific books. Hon. Sir Edwin Mitchelson: Valuable Kauri Gum collection.
- 1915 Dr. C. E. R. Bucknill: Collection of Old English Glass.
- 1916 Mr. Henry Shaw: Collection of Japanese art.
- 1917 Miss Ruth Northcroft: Large Maori and Polynesian Collection
- 1919 The Misses Yates: Collection of Indian weapons.
- 1920 Mr. James Dunning: Collection of North American Mammals.
- 1921 Mr. W. A. Aldred: Valuable collection of Maori specimens.  
Hon. J. B. Turner: Important Fijian ethnographical collection
- 1923 Mr. T. F. Cheeseman, F.L.S., F.N.Z.Inst.: The Cheeseman Herbarium of native and foreign plants.
- 1924 Mr. Wm. Sutherland: Melanesian ethnographical collection.  
Mr. A. C. Caughey: Fijian and New Hebridean ethnographical collection.
- Mr. R. A. Meek: Ethnographical specimens from Bismarck Group. Messrs. Samuel Vaile & Sons: Large collection of Maori greenstone articles. Sir Cecil Leys and Mrs. Selwyn Upton: The Edge-Partington ethnographical collection of over 2,000 specimens, given in memory of their father, Dr. T. W. Leys.

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- 1925 Mr. F. Crossley Mappin: Valuable Maori and South Pacific exhibits.
- 1926 Mr. Geo. F. Webster: Valuable Maori antiquities.  
Mr. H. R. Butcher: Collection of British coins.  
Mrs. E. M. Ball: The Thos. Ball Zoological collection.  
Mr. F. Crossley Mappin: Ancient Chinese ceramic specimens.  
Mr. Hallyburton Johnstone: Silver cup presented by Queen Victoria in 1878 to the Royal George Yacht Club.
- 1927 Mr. F. Crossley Mappin: Valuable Maori carvings.  
Mr. Moss Davis: Valuable ethnographical specimens.
- 1928 Sir Cecil Leys and Mrs. Selwyn Upton: Unique and richly carved feather box.  
Mr. J. R. Adams Wilkes: Ethnographical collections from Nigeria and New Guinea.  
Mr. Harry Kinder: The Dr. Kinder Collection—Maori and Melanesian.  
Mr. E. Earle Vaile: Important collection of Maori stone carvings and collection of Eastern ethnographical specimens.  
Mrs. S. J. Lushington: Large collection of mollusca.
- 1929 Mr. T. H. Barstow: Maori canoe prows and stern posts.  
Mr. W. R. McGregor: New Ireland carved memorial figures.  
Mrs., Miss and Mr. A. N. Cooper: The Charles Cooper collection of mollusca.  
Rev. W. H. Webster: Large collection of mollusca.  
Mr. C. E. Clarke: Large collection of N.Z. Insects.  
Executors Mr. W. M. Cole: Stone and Bronze Age Artifacts.  
Miss Webster and Mr. G. F. Webster: Water-colour drawings of the Solomon Islands.
- 1930 Mr. John Kenderdine: Large collection of books and pamphlets, including rare early New Zealand works. Mr. H. E. Vaile: A large collection of Maori implements and greenstone ornaments. Mr. Moss Davis: Selected Maori exhibits; also porcelain and ivory. Mr. L. J. Matthews: Two specimens of Moa eggs. Dr. L. Cockayne: Large collection of N.Z. plants.
- 1931 Sir Cecil Leys and Mrs. Selwyn Upton: Valuable Maori antiquities: additions to the Dr. T. W. Leys collection. Mrs. S. J. Lushington: Collection of Silver and Sheffield Plate. Mrs. A. C. Lennard: Collection of English porcelain.  
Lt.-Colonel A. R. Hughes: Collections of birds and mollusca from Ceylon.
- 1932 Mr. H. S. Dadley: Large and valuable collection of Oriental Arts. Mr. Moss Davis: British Gold and Silver Coins and European Ivories and Bronzes. Hon. Sir James Parr: Gold and Silver Mementoes of public events in New Zealand, and case for their display.
- 1933 Vaile Collection: Additional gift of many valuable Maori antiquities. Mr. W. Goodfellow: Extensive ethnographical collection from Northern Melanesia.

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- 1934 Miss Eleanor Brown and Mrs. Geo. Brownlee: Collection of heirlooms of the Ngati-toa and Ngati-awa Tribes. Messrs. R. B. & G. Matthews: The H.B. Matthews Herbarium.
- 1935 Mr. F. Crossley Mappin: Maori Specimens, including handsomely carved sternpost. The Admiralty: Model of H.M.S. New Zealand.
- 1936 Captain G. Humphreys-Davies: Large and valuable collection of Chinese pottery figures. Mrs. T. G. Russell: 235 volumes of chemical and physical works from the library of her father, the late Professor Brown. Mr. E. Earle Vaile: Valuable Maori hei-tiki and Rapa Island stone artifacts. The Estate of the late H. E. Vaile: Maori and Polynesian ethnographical collection; carvings and ornaments.
- 1937 Mr. E. Earle Vaile: Collection of ethnographical specimens and six Italian bronzes. Sir Algernon Thomas: Library of scientific books and papers.
- 1938 Mr. E. Earle Vaile: Gift of many early New Zealand books and journals. Mr. J. R. le B. Tomlin: Gift of valuable early editions of natural history works. Mr. F. Crossley Mappin: Early Chinese Pottery and Bronzes.
- 1939 Mr. E. Earle Vaile: Maori carvings, large Melanesian collection and gifts to the Library. Mr. J. R. le B. Tomlin: Gift of early Worcester china and early works on natural history. Mr. W. Goodfellow: Large Melanesian collection.
- 1941 Mr. H. R. Jenkins: Historic anchor associated with the ill-fated H.M.S. Bounty. Mrs. T. G. Russell: 500 volumes of botanical and biographic works from the library of her father, the late Professor Brown. Mr. Ormsby Gore Adams bequeathed cinema camera, photographic equipment and nature films.
- 1942 Mrs. A. A. Richardson: The late Mr. J. D. Richardson's extensive collection of early Auckland photographs and lantern slides. Col. the Hon. F. Waite, D.S.O., M.L.C.: Large collection of Egyptian pre-dynastic artifacts, flints, slate palettes, and pottery 7500-4300 B.C.; also pottery lamps of Egyptian, Roman, Greek and Arabic manufacture.
- 1943 Captain G. A. Humphreys-Davies: His extensive and valuable collection of Chinese arts. Mr. E. Earle Vaile: Large collection of books and pamphlets on exploration and early life in the South Pacific. Mrs. W. H. Hemingway: The late Mr. Hemingway's display and cabinet collections of insects. Colonel the Hon. F. Waite, D.S.O., M.L.C.: Further collections from Egyptian Pre-dynastic, Dynastic and Ptolemaic periods.
- 1944 Mrs. B. Quigley and Miss E. Kenderdine: Large number of books on early New Zealand history. Mr. E. Earle Vaile: Collection of works on South Pacific exploration and New Zealand history. Captain G. A. Humphreys-Davies: Ancient Chinese bronze sculpture. Mr. J. C. Entrican: Large collection of Eastern Polynesian stone implements.

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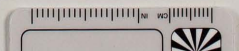
- 1945 **Mr. W. G. White:** A valuable very representative collection of Worcester and Chelsea China. **Mr. E. Earle Vaile:** Important Maori Ethnographical Collections, and books on South Pacific Exploration and New Zealand History.
- 1947 **Lady Leys Fund, Sir James Gunson Fund, and E. Earle Vaile Fund:** Collection of 60 greenstone hei tiki and greenstone adzes purchased in England.
- Mr. Jas. C. Entrican:** Gave his extensive collection of medals and coins and library of books on Numismatics.
- Mr. Geo. Finn:** Presented a collection of books and newspaper records, reports and illustrations collected over a number of years.
- Lieutenant A. G. Carnahan, R.N.R.:** Presented Viscount Jellicoe's racing 14-footer "Iron Duke."
- 1948 **Sir Frank Mappin:** 16mm Cine-sound projector.
- 1949 **Mr. and Mrs. J. Yock:** Old English sterling silver salver.
- 1950 **Mrs. J. P. Campbell:** Eighteenth century inlaid sideboard.  
**Mr. Wm. Goodfellow:** Delft vase and other early ceramics.  
**Mr. V. J. Larner:** Early china and delft vase.
- 1951 **Mrs. Goldie:** Twenty portraits of Maoris by the late Mr. C. F. Goldie.  
**Rev. Harry Johnson:** Extensive collection of native arts and crafts from Tanganyika.  
**Rev. Charles Palmer:** Melanesian ethnographical collection; mementoes of Bishop Selwyn and early New Zealand books.  
**Mr. W. J. Crowther:** Selected examples of English porcelain and eighteenth century silver plate.
- 1952 **Mr. E. Earle Vaile:** Selected early works on discovery and exploration in the Pacific.  
**Sir Frank Mappin:** Eighteenth century silver and Sheffield plate.  
**New Zealand Insurance Company:** Suite of large cabinets and library furniture.  
**Mr. William Goodfellow:** Three Maori portraits by Lindauer.  
**Sir Carrick Robertson:** Collection of Zulu ornaments.  
**Lieut.-Commander J. F. A. O'Neill, D.S.C.:** Ethnographical collection from Tikopia.  
**Miss W. S. Dudley and Miss Jean Robertson:** Pencil and wash drawings of early New Zealand, by Major Charles Heaphy.
- 1954 **Mrs. Robert Cooper:** Collection of botanical books and book-cases.  
**Sir Frank Mappin:** William and Mary walnut cabinet and early seventeenth century chairs.  
**Mrs. P. Sklenars:** Model of four-masted barque "Pamir" made by her father, Mr. W. S. Nelson.



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- 1955 Dr. J. A. Clinch: English silver and Sheffield plate.  
Sir Ernest and Lady Davis: Portrait of Sir Edmund Hillary,  
K.B.E.  
Mrs. A. M. Ferguson, O.B.E.: Maori and Oceanic  
ethnographical collection.  
Mr. C. Roose: Set of 2000 charts of the Pacific.  
Mr. G. J. H. Ovenden: Full set of publications of Palestine  
Exploration Fund.
- 1956 Miss E. Blumhardt: Large set of her paintings of native  
flowers.  
The Misses C. M. and I. F. Stewart: Collection of Maori  
greenstone ornaments and weapons.  
Sir Ernest Davis: Portrait of H.M. the Queen.  
Mr. John Pybus: Five moa skeletons from Waitomo district.

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UCKLAND INSTITUTE AND MUSEUM  
RECEIPTS AND PAYMENTS ACCOUNT  
For the Year Ended 31st March, 1957.

RECEIPTS			PAYMENTS		
	£	s. d.		£	s. d.
To Balance, 1/4/56	3,210	1 7	By Salaries and Wages	16,429	4 1
„ Subscriptions	795	6 6	„ Insurance	96	16 7
„ Subscriptions Paid in Advance	55	14 6	„ Library Books	491	16 9
„ Life Subscriptions	208	13 0	„ Institute Expenses	487	1 0
„ Interest—			„ Specimens—		
Mortgages	165	10 6	Purchased	190	0 9
Debentures	234	13 5	Collecting and Travelling	318	10 0
N.Z. Government Stock	1,413	9 4	Preserving and Display	410	7 1
Australian Stock	52	1 7	„ School Service	113	9 8
„ Local Body Contributions—			„ Photography and Education	335	10 4
Metropolitan	20,024	10 0	„ Publications Reserve Account	848	18 6
Provincial	433	9 11	„ General Maintenance	2,076	10 4
„ Sundry Receipts	39	15 8	„ Building Maintenance	1,833	5 4
„ Savings Bank Interest	263	11 5	„ Showcases and Furniture	658	17 5
„ Sale of Transactions	126	0 9	„ Scientific Equipment	92	15 10
„ Sale of Publications—Reserve Account	1,839	1 9	„ Auckland Museum Maintenance Amendment Act, 1931, Sec. 37)—Entertainment, Wreaths	56	0 1
„ Refund of School Service Expenses	104	16 8	„ Edward Earle Vaile Trust Fund—		
„ Sir Carrick Robertson Endowment	600	0 0	Specimens Purchased	373	0 4
„ Sir Alexander Johnstone Bequest	500	0 0	Library Books Purchased	1,525	17 7
„ A. V. Hanson Bequest	44	3 6	Outgoings on Properties	752	2 7
„ Rents from E. E. Vaile Properties Trust	2,473	2 8	Obsolescence Fund Account, 1956-57	200	0 0
„ Receiver of Land Revenue—			Balance Unexpended, 31/3/57	172	5 5
Sales	3	19 7	„ Transfers—		
Rent and Interest	18	16 1	Sir Carrick Robertson Endowment	600	0 0
„ Sale of Duplicator	20	0 0	Sir Alexander Johnstone Bequest	500	0 0
„ Mortgages—Repayment of Principal	12	0 0	A. V. Hanson Bequest	46	9 6
„ Contributions—			Investment Account	12	0 0
Specimen Purchase	188	11 6	Life Subscriptions Account	210	0 0
Memorial Hall Account	26	10 6	Specimen Purchase Account	188	11 6
„ Special Donations	143	0 0	Memorial Hall Account	26	10 6
„ Auckland City Council—Foundation Stone Ceremony	10	0 0	Museum Endowment Account	3	19 7
„ Transfers—			Car Purchase Reserve	350	0 0
E. E. Vaile Trust Fund—Sale of Books	78	19 6	Superannuation Fund Reserve	878	0 0
Refund L. H. Barnard	10	4 9	Publications Reserve	990	3 3
Income Unexpended, 1/4/56	460	19 0	„ Balance, 31/3/57	2,875	2 4
Building Maintenance	583	10 8			
	£34,143	6 4		£34,143	6 4

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EDWARD EARLE VAILE TRUST FUND.			
	£	s.	d.
To Ethnological Specimens Purchased	362	15	7
„ Library Books Purchased	1,525	17	7
„ Obsolescence Fund	200	0	0
„ Balance Unexpended, 31/3/57	172	5	5
	<u>£2,260</u>	<u>18</u>	<u>7</u>
By Gross Rents Received to 31/3/57			
Less Commission	109	14	3
„ Insurance	131	14	11
„ Repairs and Expenses	636	14	0
„ Rates	251	17	3
		<u>1,130</u>	<u>0 5</u>
Net Revenue from Rent			1,721 0 1
Balance Unexpended, 31/3/56			460 19 0
Sale of Books			78 19 6
			<u>£2,260 18 7</u>
By Balance Unexpended, 31/3/57			172 5 5

EDWARD EARLE VAILE TRUST FUND

Balance Sheet as at 31st March, 1957.

	£	s.	d.		£	s.	d.
Capital Account	40,000	0	0	Properties Valued at	40,000	0	0

MUSEUM ENDOWMENT ACCOUNT

	£	s.	d.		£	s.	d.
To Balance, 31/3/57	14,016	19	8	By Balance, 1/4/56	14,013	0	1
				„ Sales—Receiver of Land Revenue	3	19	7
	£14,016	19	8		£14,016	19	8

LIFE MEMBERS' SUBSCRIPTIONS ACCOUNT

	£	s.	d.		£	s.	d.
To Balance, 31/3/57—				By Balance, 1/4/56—			
War Savings Investments	2,632	8	5	War Savings Investments	2,555	15	5
Investments	2,647	13	0	Investments	2,514	6	0
				„ Transfer from Income and Expenditure A/c.	210	0	0
	£5,280	1	5		£5,280	1	5

ACCUMULATING ENDOWMENT ACCOUNT

	£	s.	d.		£	s.	d.
To Balance, 31/3/57	480	4	3	By Balance, 1/4/56	466	4	8
				„ Interest to 31/3/57	13	19	7
	£480	4	3		£480	4	3



# MACKECHNIE BEQUEST ACCOUNT

To Balance, 31/3/57	£	s.	d.	By Balance, 1/4/56	£	s.	d.
	9	18	8	„ Interest to 31/3/57	9	12	11
					5	9	
	£9	18	8		£9	18	8

# MEMORIAL HALL TRUST FUND

To Balance, 31/3/57	£	s.	d.	By Balance, 1/4/56	£	s.	d.
	1,043	7	2	„ Interest to 31/3/57	987	4	6
				„ Transfer from Income and Expenditure A/c.	29	12	2
					26	10	6
	£1,043	7	2		£1,043	7	2

# SPECIMEN PURCHASE FUND

To Balance, 31/3/57	£	s.	d.	By Balance, 1/4/56	£	s.	d.
	983	10	9	„ Interest to 31/3/57	771	16	9
				„ Transfer from Income and Expenditure A/c.	23	2	6
					188	11	6
	£983	10	9		£983	10	9

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# Endowments—Increasing:

Museum Endowment	14,016	19	8
Reserve for Depreciation of Investments	398	12	3
Life Members' Subscriptions	5,280	1	5
Accumulating Endowment (Ambury Bequest)	480	4	3

20,175 17 7

# Reserves—

Building Maintenance	5,053	11	10
Car Purchase	1,050	0	0
Sir Albert Ellis Estate	100	0	0
Memorial Hall	1,043	7	2
Specimen Purchase	983	10	9
Mackechnie Library	9	18	8
Horton Geology Fund	92	17	5
Sir Alexander Johnstone Bequest	500	0	0
Cases for White China	10	10	0
Donation for Purchase of Swords	10	0	0
Publications Reserve Account	2,622	17	2
Edward Earle Vaile Properties			

# Trust:

Obsolescence Fund	2,244	8	10
Revenue A/c.—Unexpended 31/3/57	172	5	5
Oceanographic Committee A/c.	75	0	0
Superannuation	1,756	0	0

15,724 7 3

# Sundry Creditors—

Sundry	10	0	0
Subscriptions in Advance	55	14	6

65 14 6

# Income and Expenditure Account—

Balance, 1/4/56	3,120	15	1
Less Balance, 31/3/57	127	17	7

2,992 17 6

£543,712 5 8

# Cash—

Post Office Savings Bank	2,037	0	10
Auckland Savings Bank	4,962	14	1
Petty Cash	20	0	0
Change	21	0	0
Bank of New Zealand, Auckland	1,034	1	0
Bank of New Zealand, London	799	1	0

8,873 16 11

£543,712 5 8

GILBERT ARCHIE,

Treasurer.

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## ACCESSIONS, 1956-57

- Air Ministry, England: Spitfire fighter aircraft.  
 Mr. Arthur Allan: Albanian velvet dress jacket.  
 Mrs. Gilbert Archey: Circlet of Honiton lace, and lace tea-cosy covers.  
 Mr. F. Armstrong: Six stone adzes.  
 Mr. W. N. Asmuss: Powder horn, inscribed, N.Z., c. 1860.  
 Mrs. K. Avery: Embroidered silk handkerchief.  
 Mrs. A. T. Batger: Great horned owl.  
 Mrs. H. Battey: Book of New Zealand ferns.  
 Captain S. E. Beattie: Officer's service tunic, N.Z.E.F.  
 Miss E. Blumhardt: Collection of New Zealand flower paintings by the donor.  
 Mrs. W. A. Boucher: Collection of Maori specimens.  
 Miss D. I. Bradley: Token, H. Ashton, Auckland 1863.  
 Mr. A. R. Burns: Copper chisel, Egypt.  
 Miss Busana Buddaruskit: Piece of Siamese silk.  
 Mr. F. B. Cadman: Feather cloak presented to the Hon. Sir Alfred Cadman, K.C.M.G.  
 Mr. K. S. Caldwell: Stone beater and adzes.  
 Mr. E. D. Cameron: Stone *toki*.  
 Mrs. F. Causley: Coiled basket with pointed lid.  
 Classical Theatre of China: Sets of paper cuts.  
 Dr. J. A. Clinch: Chinese fans, pounce box, photographs, clay pipe bowl with painted martial device and arms of friendship club.  
 Dr. C. E. A. Coldicutt: Microscope fittings.  
 Mr. A. G. Coulam: Greenstone adze, New Caledonia.  
 Mr. J. Kenneth Cousins: Chinese ivory carved ball and Thibetan silver-mounted snuff bottle.  
 Mrs. R. G. Cramer-Roberts: Bead dress, South Africa; tropic-bird feathers.  
 Mrs. A. Cull: Lustre jug.  
 Mr. R. R. Currie: Set of nine silver sovereign cases.  
 Miss J. Dingley: Kahawai fish hook and Solomon Islands specimens.  
 Mr. David Dodd: Stone adze, Maori.  
 Anonymous: Two modern wooden carvings, Marquesas Islands and China.  
 Mr. A. Downey: Stone adze, Maori.  
 Mrs. N. R. Dunning: American black bear, Alaska.  
 Mr. J. B. Dunsheath: Large piece of galena, Coromandel.  
 Mr. S. J. Elliott: Maori cloak.  
 Mr. J. A. Fagan: Whalebone *patu*.

- Mr. D. E. Fallon: Paddle of the war-canoe Te Toki a Tapiri.
- Dr. E. L. Fitzgerald: Moriori *patu*, Chatham Islands.
- Mrs. J. Fletcher: *Patu onewa*, Korekore pa.
- Mr. F. R. Foote: Stone adzes and fern root beater.
- Mr. Forbes: Relics of Captain R. F. Scott's last Antarctic Expedition.
- Mrs. Cliff Fraser: Photographs of Gallipoli, and small greenstone adze.
- Miss M. A. Geddes: Fine mat, Samoa.
- Mr. R. B. Giesen: German automatic pistol, 1st World War.
- Mr. Owen Gilmore: 33 mm. films of New Zealand taken about 1931 by Mr. Coubray.
- Miss M. E. F. Given: Wine glass, twist stem, 1750-1775.
- Miss A. J. Grant: Wooden club, Epi Island, New Hebrides.
- Mr. R. O. Gross: Bead ornament, Shangaan (Zulu).
- Mr. W. Wallace Gunson: English domestic silver, 17th and 18th century; barnacles from flipper of first humpback whale shot by Hauraki Whaling Co.
- Mrs. D. W. Hanna: Greenstone pendant.
- Lt. D. Harris: Italian majolica plaque.
- Commander H. A. Haynes, O.B.E.: Menu card, civic luncheon to Commodore W. E. Parry, C.B., R.N.
- Major Hexter-Stabbins: Native weapons, etc., Somaliland.
- Mrs. P. Hynes and Mr. Mervyn Hynes: Jug, two cups and saucer, Sunderland lustre.
- Miss M. Iggulden: Bank of Otago one pound note and cheque form, Dunedin, 1872.
- The late Mr. J. S. Isbister: Piece of *tapa*, Fiji.
- Mr. Melvill A. Jamieson: Commission of Lt. Jervis Maplesden, R.N., to H.M.S. Royal George, 23 Jan. 1745.
- Mr. G. M. Johnson: Italian hand grenade.
- Petty Officer Philip E. Jones: Russian War Savings Certificate, 1944.
- Rt. Hon. Sir William Jordan, K.C.M.G.: Fountain pen used by the High Commissioner for New Zealand to sign the Peace Treaty.
- Mr. G. F. Joseph: Large Meissen jug, c. 1850.
- Mr. M. Kalman: Short wooden club, Trobriand Island.
- Miss M. Kidd: Nineteenth century hand-worked garments.
- Mr. J. R. Kingston: Sandstone file, Takatu Point.
- Miss Lyndon Lang: European and Oriental arts.
- Mrs. G. Leser: Pair of hand-knitted cotton stockings, Germany, c. 1840.
- Mrs. Levy: Farmer's smock and bonnet, England, c. 1850.
- Lime and Marble Ltd.: Radio-active rock, Buller Valley.
- Mrs. Lloyd: Mezzotint autographed portrait of Queen Adelaide.



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- Mr. G. R. Lomas: Gilbert Island shark-tooth sword.  
 Mr. I. W. Lovatt: Small stone adze, Tonga.  
 Mrs. G. M. Low: Hawksbill turtle, Muriwai Beach.  
 Miss Averil Lysaght: English embroidered collar.  
 Miss Olive Marshall: Sampler and other domestic articles.  
 Mr. W. E. Martin: Large food pounder, Taranaki type.  
 Mr. L. Meerloo: Carved pearl shell, Palestinian.  
 Mr. S. Mill: Two stone adzes.  
 Mr. T. C. B. Milton: Collection of coins.  
 The family of Mrs. H. B. Moore: Part trousseau and set of baby clothes.  
 Mr. H. E. Moore: Carved *tewhatewha* and *mere*.  
 Mr. Tafatu Morris: Two Niue Island model canoes.  
 Museum fur Volkerkunde, Basel, Switzerland: Two Bambara figures, Sudan.  
 Colonel Bernard Myers, c.m.g.: Water colour by B. Gribble of H.M.S. New Zealand at Jutland.  
 Mackelvie Trust Board: Society of Medallists 54th Annual Commemorative Medal.  
 Mrs. M. I. McLeod: Two adzes and hammer stone, Northland.  
 Mr. Nicholls: Old shell, Gate pa.  
 Mr. J. J. Ogle: Curved greenstone pendant, Rangiahua.  
 Mr. A. M. Paine: Stone headed club, New Guinea.  
 Dr. L. I. Parton: Portion of V.I Bomb dropped on Colindale Hospital, Hendon.  
 Mr. Norman Potts: Ethnographical specimens from Chatham Island and New Zealand.  
 Mr. M. Priestley: Fossil coconuts from Mangonui.  
 Mr. John Pybus: Specimen calcite crystal, Waitomo.  
 Mr. A. T. Pycroft: Collection of eggs.  
 Captain Robert Quinn, M.M.: Pair of fibre armlets with shark's teeth.  
 Captain A. Reed: Red Cross flag flown by N.Z Hospital Ship Maheno at Gallipoli.  
 Miss N. H. Reid: Badge of the Order of St. Patrick.  
 Mrs. O. M. Reid: Two pieces of early silk.  
 Remuera Antiques: William and Mary handwarmer, c. 1700.  
 Miss A. Richards: Type specimens, *Pallidoplectron turneri* Richards, *Pachyrhama waitomoensis* Richards and one paratype of each.  
 Mrs. J. A. Ross: Collection of Australian specimens.  
 Mr. N. Saunders: Sandstone spiral carving, Waikaretu, Puketotara Pa.  
 Mrs. E. Spencer Shaw: Silver vinaigrette.  
 Mr. G. H. Simmons: Small carved pumice figure.  
 Mr. A. L. Smith: Stone adze, Mt. Albert.

- Mrs. Watson Smith: Whistling figurine, probably of agricultural symbolism, Mexico.
- The late Major G. A. Spink: Nigerian craft work.
- Mrs. I. J. Stannaway: Greek pottery vessel.
- Misses C. M. and I. F. Stewart: Collection of Maori weapons, *hei tiki* and other ornaments; also silver and bronze coins.
- Mr. Ronald Syme: Three native hats, Mangaia.
- Mr. J. T. B. Taaffe: Wooden kumara weeder; part of *patu onewa*.
- Mrs. W. Tailby: Stalactite pounder, Cook Islands.
- Mrs. S. Taylor: Greenstone *mere*.
- Mr. Te Moti Te Huia: Stone canoe anchor, Mokai.
- Mr. W. Laird Thomson: Maori stone implements.
- Mrs. Thwaites: Carved snuff box.
- The late Mr. E. A. Thwaites: Wall clock and service medals issued to Private J. Thwaites.
- Mr. Cecil Trevithick: Shell fish hook, Tonga.
- Mrs. C. J. Tunks: Musket, Crimean War, and Sword Bayonet; pair of horns.
- Mrs. E. G. Turbott: Paleolithic and Neolithic implements from South Zealand; kris in sheath.
- Vaile Collection: Oriental carvings in wood and ivory; bronze lions and Egyptian statuette; Maori adze and two pendants.
- Mrs. N. Vicary: Collection of coronation mugs and plaques.
- Mrs. R. Walker: Old wooden *patu*.
- Mr. A. H. Watt: Two old wooden paddles; digging stick.
- Miss Nora Weatly: Large stone adze, Mahurangi River.
- Mr. K. A. Webster: Greenstone adze, British Columbia.
- The late Mrs. E. M. Whisker: Two pottery figures; caricatures of Disraeli and Gladstone.
- Miss H. Whitlow: Cane fish basket and ornamented spear, Solomon Islands.
- Mrs. Morris Wilkinson: Spider web cap and basket, Melanesia.
- Mr. L. A. Williams: Three Fijian articles found in building in Auckland.
- Master E. D. W. Willis: Painted wooden object, Santa Cruz.
- Storm-driven and accidentally killed birds, including ringed specimens; aviary birds: Auckland Zoological Park; Mr. M. S. Black; Miss P. C. Boyd; Master A. R. Browne; Mr. F. Browne; Mr. J. Chiles; Mrs. D. Clark; Mr. Trevor Fisher; Mrs. Fogarty; Mr. F. E. Gee; Miss Alison Goodwin; Mr. A. C. Hipwell; Master K. Humphries; King's College Bird Club; Mr. S. R. Mainland; Mangonui Whangaroa Acclimatisation Society; Mr. N. Phipps; Mr. S. Sheppard; Mr. R. B. Sibson; Mr. C. F. Smith; Miss A. A. Stubbs; Mr. H. A. Swarbrick; Waitemata Electric Power Board; Master C. Withers; Master D. Woods.

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## Members of the Auckland Institute.

### HONORARY LIFE MEMBERS.

Sir James Gunson, C.M.G.,	A. T. Pycroft, Esq.
C.B.E.	J. C. Rennie, Esq., LL.B.
Sir Frank Mappin, Bart.	Sir Carrick Robertson, F.R.C.S.

### LIFE MEMBERS.

Adams, L.	Bollard, A. E.
Aimer, K. W., F.S.A.,	Booth, C. H.
F.N.Z.I.A., A.R.I.B.A.	Bossard, Dr. L.
Alexander, A. M.	Bow, A. F.
Alexander, L. J.	Bowden, B. J.
Alison, E. W.	Bray, Miss E. E.
Alldritt, C.	Briggs, Professor L. H., D.Sc.,
Allen, Mrs. F. G. H.	D.Phil., F.R.S.N.Z.
Allen, L. R., M.Sc.	Brooker, S. G., M.Sc.,
Ambler, F. N., O.B.E.	F.N.Z.I.C., F.C.S.
Andrew, William.	Brooking, C. T.
Archey, Gilbert, O.B.E., M.A.,	Brothers, R. N., Ph.D., M.Sc.,
D.Sc., F.R.S.N.Z.	D.I.C., F.G.S.
Ash, Miss C., M.A.	Brown, A. G.
Ashby, T. W. M., O.B.E.,	Brown, Harvey St. C.
F.R.A.N.Z., F.A.I.S.	Brown, H., B.A.
Astley, F. Lloyd.	Browne, W. E., B.Sc.
Baker, F. Russell	Buchanan, K. R., B.C.L.
Ball, Mrs. I. E. M.	Buddle, Mrs. B.
Bamford, Miss N. R., B.A.	Buddle, H. D.
Bannister, M. H.	Buddle, J. F.
Barrowclough, Rt. Hon. Sir	Bull, Peter C., M.Sc.
Harold, K.C.M.G., C.B.,	Bunby, H. S.
D.S.O., M.C., P.C., Chief	Buttle, R.
Justice.	Byttiner, Mrs. L. I.
Bartlett, W. H.	Cairns, Dr. F. J.
Baskett, Dr. Noel	Campbell, N. J.
Batten, Wayne.	Campbell, Thos. M.
Bathey, M. H., Ph.D., M.Sc.	Cassie, Mrs. R. M., M.A., Ph.D.
Bell, E. A.	Caughey, Professor J. E., M.D.,
Bell, G. B., B.E., B.Sc.,	F.R.C.P.
M.I.C.E., A.F.R.Ac.S.	Caughey, W. G.
Bell, Mrs. G. B., M.Sc.	Chambers, T. C., M.Sc.
Bell, H. G., B.A.	Cheesman, O. A.
Bieleski, R. L., B.Sc.	Childs, Dr. T. D. C.
Bishop, Miss Brenda, M.A.,	Clark, Mrs. D.
B.Com.	Clark, J. L.
Bishop, John J.	Clerk, Miss M. T. B.
Bishop, T. A., B.A.	Clinch, Dr. J. A.
Bledisloe, Rt. Hon. Viscount.	Close, R. C., M.Sc.
P.C., G.C.M.G., K.B.E., D.Sc.	Cookson, F. G.

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Court, A. H.  
Cousins, H. G., M.A.  
Craig, J. C.  
Cranwell, R. B.  
Crockett, R. M.  
Crompton, W. J.  
Crookes, Miss M. W., M.A.  
Cropper, P.  
Dale, T. J.  
Davis, Sir Ernest.  
Davis, F. W., D.F.A.  
De Berg, Miss R. F., M.Sc.  
De Courcy, Dr. Grace.  
De Courcy, N. R.  
Dickson, J. F. W., LL.B.  
Dignan, A. A.  
Dingley, G., M.Sc.  
Dixon, Miss A. Z.  
Dixon, C. E., M.Sc.  
Donald, J. B.  
Draffin, M. K., M.C., F.R.I.B.A.  
Duigan, D. F.  
Duthie, N. A., D.S.O.  
Eady, A. T.  
Edgelow, Miss K. I.  
Edwards, J. S., M.Sc.  
Elliffe, J. M.  
Endean, W. P., LL.B.  
Ewen, J. F. A.  
Fairclough, Dr. W. A.  
Falla, R. A., M.A., D.Sc.,  
F.R.S.N.Z.  
Fenton, J.  
Ferguson, A. L.  
Ferguson, Dr. R. G.  
Firth, C. W., M.Sc., Assoc.  
M.Inst.C.E.  
Firth, Professor R. W., M.A.,  
Ph.D.  
Fisher, Miss E. M., B.A.  
Fisher, V. F., M.A.  
Fleming, C. A., B.A., D.Sc.,  
F.R.S.N.Z.  
Fletcher, Sir James.  
Forti, R.  
Fraser, W. M., C.E.  
Gallaher, P. J., B.Sc.  
Gardner, C. le G.  
Gentles, J. A.  
George, Sidney Thorne.  
Giles, E. T., D.Sc.  
Gillman, Miss A. M.  
Goldie, A. A.  
Good, N. H., LL.B.  
Goodey, J. H., M.Sc., A.N.Z.I.C.

Goodfellow, Sir William.  
Gordon, M. J.  
Grimes, E., B.A.  
Gross, R. O., C.M.G., F.R.B.S.  
Gummer, W. H., F.R.I.B.A.  
Gunson, Lady, O.B.E.  
Halcrow, Miss H. M., M.Sc.  
Hall, Rev. Allen H., B.A.  
Hannken, P. B., M.Sc.  
Harrington, H. J., Ph.D.  
Harrop, R. S., B.Com.  
Hatch, E. D.  
Hayman, L. T.  
Hellaby, F. A., M.C.  
Hemingway, Mrs. M.  
Henley, J. C., D.C.M., E.D.  
R.N.Z.A.M.C.  
Hesketh, C. R., D.F.C.  
Hipkins, A. K.  
Hole, Mrs. G.  
Holt, Mrs. J. H.  
Hooker, O. L.  
Horton, R. D.  
Hovell, S. M.  
Hughes, Dr Elizabeth  
Hynes, M. F.  
Jacks, Dr. H.  
Jackson, Gainor.  
Jackson, G. W., F.R.G.S.  
Jackson, J. R., B.Sc.  
Jackson, P. D.  
Jackson, Dr. W. L. Hughlings.  
Jefferson, Miss C., B.A.  
Jenkins, H. R.  
Johns, Victor.  
Jones, Harold R.  
Jones, Hugh K.  
Kear, D., B.Sc., A.R.S.M.  
Kelliher, H. J.  
Kelliher, Mrs. H. J.  
Kendall, R. J.  
Kerkin, E. H.  
Keys, L. J.  
Kidson, J.  
King, H. G.  
Kingston, J. R.  
Kissin, Joseph.  
Korman, H.  
Kreielsheimer, Professor K. S.,  
F.Inst.P., A.M.I.M.E., D.Ing.  
Lambert, H. C. A.  
Lambert, H. G.  
La Roche, W. E., B.Sc.  
Leys, T. H.

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Liggins, C. O.  
Lloyd, Miss C.  
Lloyd, Miss O.  
Lloyd, Miss Z. O., B.A.  
Lowry, L.  
Lucena, L., E.D., B.A.  
McCallum, W. F.  
McClymont, Miss J.  
McCormick, Dr. Kenneth, C.B.,  
C.B.E., D.S.O.  
McCoy, H. C.  
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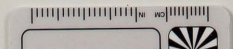
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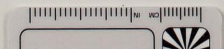
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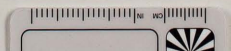
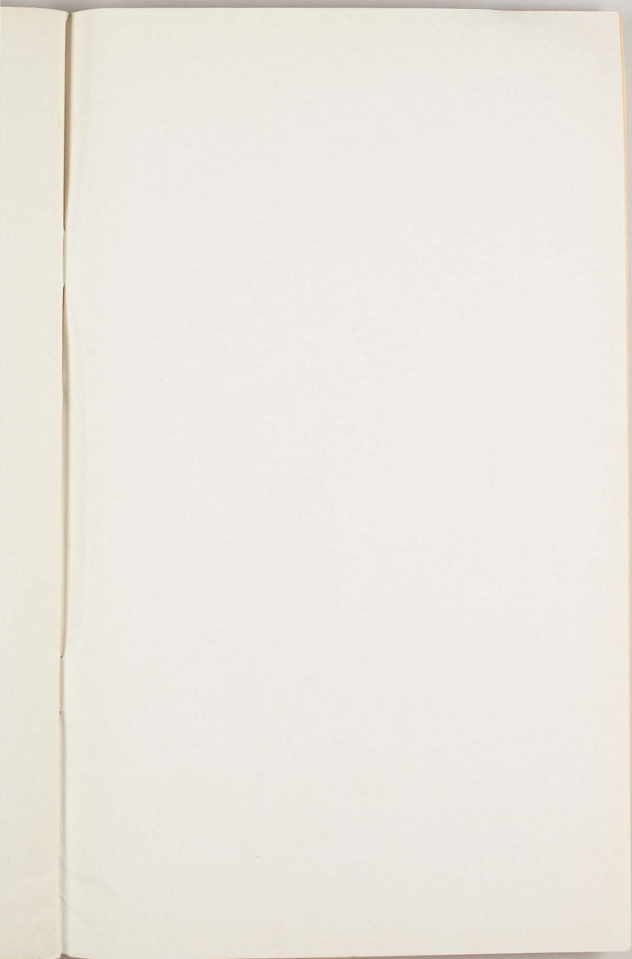
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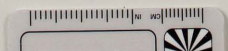
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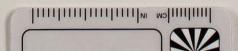
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